Table of Contents: Volume 29 (2005)

Number 1	
Rate Monotonic vs. EDF: Judgment Day	5
	27
Tullio Vardanega, Juan Zamorano and Juan Antonio De la Puente	59
Numbers 2/3	
Special Issue: Best Papers from the Real-Time and Embedded Technology and App tions Symposium (RTAS) 2004	lica-
Guest Editors: Tarek Abdelzaher and David Sharp	
Editorial Tarek Abdelzaher and David Sharp	99
Integrated Adaptive QoS Management in Middleware: A Case Study	101
QoS Management Through Adaptive Reservations	101
L. Abeni, T. Cucinotta, G. Lipari, L. Marzario and L. Palopoli	131
Radio-Triggered Wake-Up for Wireless Sensor Networks	
Lin Gu and John A. Stankovic	157
Global Control of Robotic Highway Safety Markers: A Real-Time Solution	
Jiazheng Shi, Steve Goddard, Anagh Lal, Jason Dumpert and Shane Farritor	183
Quantitative Characterization of Event Streams in Analysis of Hard Real-Time Ap-	205
plications Ernesto Wandeler, Alexander Maxiaguine and Lothar Thiele	205
String Matching Over Compressed Text on Handheld Devices Using Tagged Sub- Optimal Code (TSC)	227
A Real-Time Image Recognition System for Tiny Autonomous Mobile Robots	221
	247
Dynamic Voltage Scaling for Digital Control System Implementation	217
	263
CCMPerf: A Benchmarking Tool for CORBA Component Model Implementations.	
Arvind S. Krishna, Balachandran Natarajan,	
Aniruddha Gokhale, Douglas C. Schmidt, Nanbor Wang and Gautam Thaker	281